MIAMI-DADE COUNTY
DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

NOTICE OF ACCEPTANCE (NOA)

MiTek Industries, Inc.
14515 N. Outer 40 Drive, Suite 300
Chesterfield, MO 63017

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: MT 20 Truss Connector Plate

APPROVAL DOCUMENT: Drawing No. **916.02**, titled "Truss Connector Plate 20 Gauge", sheet 1 of 1, dated 11/11/1999, with last revision dated 06/18/2008, prepared for MiTek Industries, Inc., signed and sealed by David C. Wert, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA # 08-0710.02** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**

MIAMI-DADE COUNTY APPROVED

03/09/2012

NOA No. 12-0119.07
Expiration Date: June 20, 2012
Approval Date: March 22, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS *"Submitted under NOA # 08-0710.02"*

1. Drawing No. **916.02**, titled "Truss Connector Plate 20 Gauge", sheet 1 of 1, date 11/11/9999, with last revision dated 06/18/2008, prepared for MiTek Industries, Inc., signed and sealed by David C. Wert, P.E.

B. TESTS *"Submitted under NOA # 08-0710.02"*

1. Test reports on Metal Truss Connector Plate Lateral Resistance, Shear and Tension Tests per ANSI/TPI 1-2002 of a MT 20, prepared by PSF Corporation, Test Report No. **07-106**, dated 04/14/2008, signed and sealed by James A. Rothman, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENT

1. Statement letter of code conformance to 2010 FBC and ANSI/TPI 1-2007, issued by PSF Corporation, dated 01/18/2012, signed and sealed by James A. Rothman, P.E.

   "Submitted under NOA # 08-0710.02"

2. Statement letter of code conformance and no financial interest issued by MiTek Industries, Inc., dated 06/18/2008, signed and sealed by Stephen W. Cabler, P.E.

03/09/2012

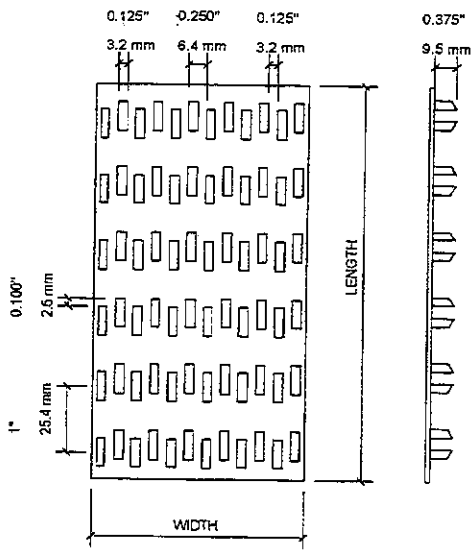
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 12-0119.07
Expiration Date: June 20, 2012
Approval Date: March 22, 2012

MiTek Connector Plate MT20

1.1 Material Characteristics:

Model	MiTek MT20
Thickness	0.0356, Gauge 20
Mechanical Properties	ASTM A653 SS, Grade 40
Coating	G60 per ASTM A653
Teeth Density	8 teeth/sq. in.
Size	One-inch increments

1.2 Plate Layout:



PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 12-0119.07
Expiration Date 06/20/2012
By
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 08-0710.02
Expiration Date 06/20/2012
By
Miami Dade Product Control Division

1.3 Design Values:

1.3.1 Allowable Lateral Resistance values in lb/in^2 of plate for Southern Pine

Direction of Grain & Load with Respect to Length of Plate

AA	EA	AE	EE
174	150	136	144

Note:
Press type: Hydraulic, pneumatic, or multiple pass roller

1.3.2 Shear Value in lb/in/pair

Direction of Load with Respect to Length of Plate	Shear Resistance Values (lb/in/pair)
0°	567
30°	772
60°	914
90°	559
120°	511
150°	544

1.3.3 Tension Value in lb/in/pair

Parallel (lb/in/pair)	Perpendicular (lb/in/pair)
967	1048

Notes:
1) The teeth are approximately 3/8" long and 1/8" wide, spaced at 1/4" center to center along the width of the plate, and staggered at 3/32" in the longitudinal direction. Each row of teeth is spaced at 1/2 in.
2) 'A' direction is parallel to slot length and 'E' direction is perpendicular to slot length.
3) The lumber used for the tested specimens was Southern Pine.
4) MiTek MT20 truss plates are metal connectors manufactured from 20 gauge steel sheet used in the fabrication of prefabricated trusses of Southern Pine only.

Product:	MiTek MT20	
Description:	Truss Connector Plate20 Gauge	
Manufacturer:	MiTek Industries, Inc. 14515 North Outer Forty Dr. Suite 300 Chesterfield, MO 63017	
Drawing Number:	916.02	
Sheet:	Page 1 of 1	
Drawing Date:	11-11-99	
Revision Date:	6-18-08	
Name and Registration No. of FL P.E.:	David C. Wert, P.E. 36197	6/18/08